

Date Searched: 5/24/2006

Databases Searched: USPAT, USGPUB

Plurals: ON

Terms Searched:

- L1     verif\$8 same (equivalen\$4 or equal\$2 or "same" or similar)
- L2     (latch or flipflop or (flip adj flop) or flip-flop or ff or dff) same order\$3
- L3     (binary or bdd or (binary adj decision adj diagram))
- L4     1 and 2 and 3
- L5     (latch or flipflop or (flip adj flop) or flip-flop or ff or dff)
- L6     3 same 5
- L7     1 and 2 and 6
- L8     716/1-18.ccls. or 703/2,14-16.ccls.
- L9     7 and 8 and @pd>20060207

Results: 3 hits

L10    (timed or retime\$1 or retiming or ternary) near5 normal near5 (form or diagram or format)

L11    8 and 10 and @pd>"20060207"

Results: 0 hit

L12    boolean same (formula or formulae or expression or equation)

L13    12 and 10 and @pd>20060207

Results: 0 hits

L14    1 and 10 and @pd>20060207

Results: 0 hit

L15    (clock or clk or ck or time or period or interval) same (before or prior or preced\$3) same (high or "1")

L16    1 and 8 and 15

L17    (clock or clk or ck or time or period or interval) near5 (before or prior or preced\$3) near5 (high or "1")

L18    1 and 8 and 17 and @pd>20060207

Results: 1 hit

#### **\*\*Interference Search\*\***

Database Searched: USGPUB

Plurals: ON

Terms Searched:

L1     ((verif\$8 same (equivalen\$4 or equal\$2 or "same" or similar)) and ((latch or flipflop or (flip adj flop) or flip-flop or ff or dff) same order\$3) and (binary or bdd or (binary adj decision adj diagram)) and (latch or flipflop or (flip adj flop) or flip-flop or ff or dff)).clm.

Results: 1 hit

Date Searched: 2/7/2006

Databases Searched: USPAT, USGPUB

Plurals: ON

Terms Searched:

- L1     verif\$8 same (equivalen\$4 or equal\$2 or "same" or similar)
- L2     (latch or flipflop or (flip adj flop) or flip-flop or ff or dff) same order\$3
- L3     (binary or bdd or (binary adj decision adj diagram))
- L4     1 and 2 and 3
- L5     (latch or flipflop or (flip adj flop) or flip-flop or ff or dff)
- L6     3 same 5
- L7     1 and 2 and 6
- L8     716/1-18.ccls. or 703/2,14-16.ccls.
- L9     7 and 8 and @pd>20050927

Results: 7 hits

L10 boolean same (formula or formulae or expression or equation)

L11 (timed or retime\$1 or retiming or ternary) near5 normal near5 (form or diagram or format)

Results: 13 hits

L12 10 and 11 and @pd>20050927

Results: 0 hit

L13 1 and 11

Results: 0 hit

L14 8 and 11

Results: 0 hit

L15 (clock or clk or ck or time or period or interval) same (before or prior or preced\$3) same (high or "1")

L16 1 and 8 and 15

L17 (clock or clk or ck or time or period or interval) near5 (before or prior or preced\$3) near5 (high or "1")

L18 1 and 8 and 17

Results: 2 hits

L19 (binary adj expression adj diagram) and @pd>"20050927"

Results: 0 hit

Date Searched: 9/27/2005

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

L1 verif\$8 same (equivalen\$4 or equal\$2 or "same" or similar)

L2 (latch or flipflop or (flip adj flop) or flip-flop or ff or dff) same order\$3

L3 (binary or bdd or (binary adj decision adj diagram))

L4 1 and 2 and 3

Results: 1318 hits

L5 (latch or flipflop or (flip adj flop) or flip-flop or ff or dff)

L6 3 same 5

L7 1 and 2 and 6

Results: 655 hits

L8 716/1-18.ccls. or 703/2,14-16.ccls.

L9 7 and 8

Results: 38 hits

L10 boolean same (formula or formulae or expression or equation)

L11 (timed or retime\$1 or retiming or ternary) near5 normal near5 (form or diagram or format)

Results: 13 hits

L12 10 and 11

Results: 1 hit

L13 1 and 11

Results: 1 hit

L14 8 and 11

Results: 1 hit

L15 (clock or clk or ck or time or period or interval) same (before or prior or preced\$3) same (high or "1")

L16 1 and 8 and 15

Results: 334 hits

L17 (clock or clk or ck or time or period or interval) near5 (before or prior or preced\$3) near5 (high or "1")

L18 1 and 8 and 17

Results: 25 hits

L19 binary adj expression adj diagram

Results: 1 hit

US 20040237057 A1 US-PGPUB Prasad, Mukul R. et al. 716/3

US 20040098682 A1 US-PGPUB Jain, Jawahar 716/5

US 6247163 B1 USPAT Burch; Jerry R. et al. 716/3

US 6557150 B1 USPAT Honmura; Tetsuroo et al. 716/6

US 20050149301 A1 US-PGPUB Gupta, Aarti et al. 703/2

US 20040230407 A1 US-PGPUB Gupta, Aarti et al. 703/2

US 20040216079 A1 US-PGPUB Hunt, Bryan Ronald et al. 716/18

US 20040216078 A1 US-PGPUB Roesner, Wolfgang et al. 716/18

US 20030225552 A1 US-PGPUB Ganai, Malay et al. 703/2

US 20030182641 A1 US-PGPUB Yang, Sei-Yang 716/4

US 20030182638 A1 US-PGPUB GUPTA, AARTI et al. 716/4

US 6035109 A USPAT Ashar; Pranav N et al. 716/3

US 5243538 A USPAT Okuzawa; Osamu et al. 716/5

US 5761097 A USPAT Palermo; Robert J. 702/79

Databases searched: EPO, JPO, IBM TDB, Derwent

Plurals: ON

Terms Searched:

L1 verif\$8 same (equivalen\$4 or equal\$2 or "same" or similar)

L2 (latch or flipflop or (flip adj flop) or flip-flop or ff or dff) same order\$3

L3 (binary or bdd or (binary adj decision adj diagram))

L4 (latch or flipflop or (flip adj flop) or flip-flop or ff or dff)

L5 1 and 2 and 3 and 4

Results: 8 hits

L6 boolean near5 (formula or formulae or expression or equation)

L7 (timed or retime\$1 or retiming or ternary) near5 normal near5 (form or diagram or format)

Results: 0 hit

L8 6 and 7

Results: 0 hit

L9 (clock or clk or ck or time or period or interval) same (before or prior or preced\$3) same (high or "1")

L10 1 and 10

Results: 47 hits

L11 binary adj expression adj diagram

Results: 1 hit

JP 2000155769 A

JPO MUKOYAMA, TERU

Database Searched: IEE/IEEE Xplore

Terms Searched: (verif\* <near/5> (equivalen\$4 or equal\$2 or "same" or similar)) and (latch or flipflop or (flip <near/1> flop) or flip-flop or ff or dff) and order\* and (binary or bdd or (binary <near/1> decision <near/1> diagram))

Results: Your search matched **0** documents.

Terms Searched: (boolean <near/5> (formula or formulae or expression or equation)) and ((timed or retime\* or retiming or ternary) <near/5> normal\* <near/5> (form or diagram or format))

Results: Your search matched **1** of **1239820** documents

Terms Searched: ((clock or clk or ck or time or period or interval) <near/10> (before or prior or preced\*) <near/10> (high or "1")) and (verif\* <near/5> (equivalen\$4 or equal\$2 or "same" or similar))

Results: Your search matched **0** documents

Terms Searched: binary <near/1> expression <near/1> diagram

Results: Your search matched **0** documents.

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	((verif\$8 same (equivalen\$4 or equal\$2 or "same" or similar)) and ((latch or flipflop or (flip adj flop) or flip-flop or ff or dff) same order\$3) and (binary or bdd or (binary adj decision adj diagram)) and (latch or flipflop or (flip adj flop) or flip-flop or ff or dff)).clm.	US-PGPUB	OR	ON	2006/05/24 15:08